

日本植物斷報 (其五)

佐 竹 義 輔

Y. SATAKE: Trivial Notes on the Japanese Plants (V)

24) いとほしくさ (新種)

Eriocaulon nanellum OHWI ヤ *E. nosoriense* OHWI = 似テキルガ、雄花ノ萼ガ3浅裂シ、雌花ノ萼片ハ不規則ニ3-4裂シ、瓣片ハ長形ノ細胞ヨリ成ルノデ區別サレル。羽後、陸中ノ國境八幡平デ松田孫治氏ガ採集サレ小泉秀雄氏ニ送ラレタノガ基準品デアル。標品ヲ貸シテ下サツタ小泉氏ト *E. nanellum* ト *E. nosoriense* ノ標品ヲ送ツテ下サツタ大井次三郎氏ニ厚ク感謝ノ意ヲ表スル。

***Eriocaulon filamentosum* SATAKE, sp. nov. (Fig. 1)**

Planta gracillima, acaulis, caespitosa, aquatica, annua. Radix alba, fibrosa, transverse multi-septata. Folia anguste linearia, 1.5-2.5 cm longa, 0.5 mm lata, in sicco membranacea, 3-nervia, fenestrata. Pedunculi exiles, filamentosii, usque 5-8 cm alti, 0.5-0.3 mm lati, paucè torti, vaginis 2 cm longis 1 mm latis, tenue cylindricis apice oblique fissis. Capitula cyathiformia, atro-fusca,

2 mm longa, 1.5-2 mm lata, bracteis involuerantibus 4, oblongis, apice obtusis, 2 mm longis 1 mm latis. Flores pauci, masculi (3-4) et feminei (3-4) mixti. Receptaculum glabrum.

Flos ♂: sessilis; bractea oblonga, navicularis, apice obtusiuscula vel irregulariter minute denticulata, atro-olivacea, glabra, 1.5 mm longa, 0.6 mm lata, flore paulo brevior; sepala olivaceo-nigricantia, in spatham antice apertam apice trilobatam connata, lobis obtusis ciliolatis; petala in tubum apice trilobos connata, lobis oblongis glabris intus apicem glandula nigra unica instructis; stamina 6; filamenta filiformia, tria

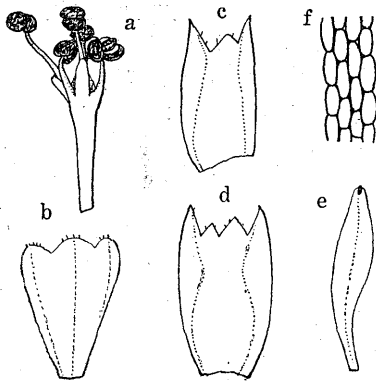


Fig. 1. いとほしくさ (*E. filamentosum* SATAKE) a-b 雄花、a 花、b 萼、c-f 雌花、c-d 萼、e 瓣片、f 瓣片ヲ成ス細胞、a, b, c, d, e = $\times 16$ f = \times ca. 66.

oppositipetala conspicue longiora; antheræ orbiculares, nigrae.

Flos ♀: sessilis; bractea oblonga, apice acutiuscula, margine ciliolata, 1.3 mm longa, 0.5 mm lata, sub lente convexa, olivaceo-nigra, flore paulo brevior; sepala in spatham antice apertam apice irregulariter 3-4-lobatam connata, lobis deltoideis acutis sparse ciliolatis, olivaceo-nigra, petalis breviora; petala 3, libera, oblanceolato-spathulata, basi subeuneata, glabra, albospongiosa, intus apicem glandula nigra unica coronata, spongiosa cellulis elongatis composita; germen 3-coecum; stylus brevis; stigmata 3, stylo paulo breviora; semina elliptica usque 0.7 mm longa, glabra.

Nom. Jap. *Ito-hosikusa* (nov.).

Hab. Honsyû: Prov. Ugo, Hatimantai (M. MATUDA, Aug. 1934-typus).

Distr. Endemica.

25) おきなほみづたまさう（新變種）

臺灣ノすいしゃほしくさ (*Eriocaulon suishaense* HAYATA) = 近イガ、葉ガ廣ク長ク、花モ種子モ大キイモノデアル。東大理學部植物學教室ノ腊葉室 = *E. alpestre* var. *robustius* MAXIM. トシテアツタモノデアルガ、花ノ構造ヲ見ルトコレトハ全く違ツタ節 = 屬スル。

***Eriocaulon suishaense* HAYATA var. *okinawense* SATAKE, var. nov.**

Annua, acaulis. Radices albæ, fibrosæ, septis indistinctis. Folia rosulata, lanceolato-linearia vel linearia, 4-7 cm longa, basi 3-5 mm lata, superiore sensim angustata, apice acutiuscula, tenue papyracea, glabra, 7-9-nervia, obscure fenestrata. Pedunculi numerosi, 7-13 cm alti, 0.6 mm lati, 4-costati, pauce torti. Vaginæ cylindricæ, 3-4 cm longæ, 1.5 mm latæ, apicem oblique fissæ. Capitula hemisphærica, basi umbilicata, 2.5 mm alta, 4 mm in diametro. Bracteæ involucrantæ numerosæ, ellipticæ, 2-2.5 mm longæ, apice obtusæ vel acutiusculæ, irregulariter minute serrulatæ, tenues, in sicco canescentinitidæ, capitulo breviores. Receptaculum glabrum. Flores masculi pauci et feminei numerosi mixti. Bracteæ florum obovatæ, apice acutiusculæ, minute serrulatæ, concavæ, 2 mm longæ, 1 mm latæ, basi albo-hyalinæ, apicem olivaceo-nigricantes, inferiores fertiles sed exteriores sæpe steriles.

Flos ♂: usque 1.8 mm longus; sepala in spatham antice apertam apice irregulariter denticulato-fissam connata, glabra, olivaceo-nigricantia, ca. 1.6 mm

longa; petala in tubum apice 3-lobos connata, lobis oblongis infra apicem glandula nigra unica coronatis, apicem margine breve pilosis, pilis clavatis 2-cellulatis; stamina 6, tria oppositipetala breviora; antheræ nigræ, orbiculares; in centro pistilli rudimentum glandulosum nigrum dispositum.

Flos ♀: breve pedicellatus, usque 2 mm longus; sepala 2, libera, linearia, navicularia, apice acuta, glabra, olivaceo-nigra, usque 1.8 mm longa; petala 3, libera, linearia, alba, spongiosa, cellulis elongatis composita, extus glabra intus sparse pilosa, apicem margine breve puberula infra glandula nigra unica instructa; capsula 3-coeca; stylus capsula paulo longior; stigmata 3, stylo paulo breviora; semina elliptica, 0.5 mm longa, glabra, distincte hexagono-reticulata.

Nom. Jap. *Okinawa-mizutamasô* (nov.).

Hab. Ryûkyû: Ins. Okinawa (T. MIYAGUSUKU-typus in Herb. Imp. Univ. Tokyo.) (S. SAKAGUCHI, anno 1920, n. 25).

Distr. Endemica.

26) さいこくくろいぬのひげ (新稱)

くろいぬのひげ (*Eriocaulon atrum* NAKAI) = 酷似スルガ、總苞片ガ稍鈍頭デ、先端黑色ヲ帶ビズ、頭花ト殆ト同長デアル點デ區別サレル、既ニ標品ニ名付ケラレタ *E. atrum* var. *intermedium* NAKAI ヲ確認シ、新ニさいこくくろいぬのひげノ和名ヲ與ヘテ茲ニ提唱スル。紀伊、攝津、播磨、備中ノ諸國ニ産スル。

***Eriocaulon atrum* NAKAI var. *intermedium* NAKAI in schedl.**

A typo differt bracteis involuerantibus numerosis ovatis vel ovato-lanceolatis, apice obtusiusculis non nigricantibus, capitulo subæqualibus, capitulis late turbinatis.

Nom. Jap. *Saikoku-kuroinunohige* (nov.).

Hab. Honsyû: Prov. Kii, in oppido Sinzyômura (T. NAKAZIMA, anno 1925); Prov. Settu, in oppido Toyonakamati (N. UI, anno 1934, n. 21, pro parte); Prov. Harima, in oppido Onomati (leg? n. 21); Prov. Bittyû, in oppido Keyaki (Z. YOSINO, n. 30-typus).

Distr. Endemica.

27) つくしくろいぬのひげ (新種)

くろいぬのひげ (*E. atrum* NAKAI) = 近イガ、花床、花瓣片ハ全ク無毛デアルカラ獨立種ト認メタイ。採集者中島一男氏ヲ記念シテ *E. Nakasimanum* SATAKE ノ學名ヲ用意シタ。

***Eriocaulon Nakasimanum* SATAKE, sp. nov.**

Acaulis. Radices fibrosæ, albæ, transverse septatæ. Folia rosulata, linearisubulata, usque 10–18 cm longa, medio 1.5–3 mm lata, apicem sensim attenuata, apice ipso subulata, glabra, subtus nitidiuscula, 5–7–9-fenestrato-nervia, interiora sensim angustiora. Pedunculi aggregati, graciles, 4-costati, pauce vel haud torti, vaginis cylindricis 3–5 cm longis apice hyalino-membranaceis oblique fissis. Capitula fructifera hemisphærica, 4–5 mm lata, 3 mm alta. Bracteæ involucrantæ 8–11, oblongæ, apice obtusæ, glabræ, 2.5 mm longæ 1.5 mm latæ, capitulo paulo breviores. Bracteæ florum obovato-cuneatæ, apice obtusæ, breve apiculatæ, margine sparse ciliolatæ, uninervatæ, naviculares, masculæ 1.7 mm longæ 0.8 mm latæ, femineæ latiores longioresque 2 mm longæ 1 mm latæ. Flores masculi (ca. 14) et feminei (ca. 13) mixti. Receptaculum glabrum.

Flos ♂ : 2 mm longus; sepala in spatham oblanceolatam antice fissam apice trilobulatam connata, lobulis obtusis glabris, extus et intus glabra, atrata; petala in tubum apice campanulatum trilobatum connata, lobis crassis glabris infra apicem glandula nigra unica instructis; stamina 6, tria oppositipetala paulo longiora; antheræ nigrae rotundatæ.

Flos ♀ : ca. 2 mm longus; sepala in spatham antice apertam apice trilobulatam connata, lobulis glabris medio obtuso parvo lateralibus acutis longioribus, atro-olivacea, extus glabra intus dense barbata, marginibus lateralibus sparse pilosis; petala 3, libera, lanceolato-spathulata, basi cuneato-stipitata, apice obtusiusecula interdum bifida, omnino glabra, apicem intus glandula nigra coronata, albo-spongiosa cellulis ellipticis composita; capsula 3-coeca; stylus capsula brevior; stigmata 3, stylo breviora; semina elliptica, fulva, 1.3–1.4 mm longa 0.6–0.7 mm lata, sparse hamato-papillosa.

Nom. Jap. *Tukusi-kuroimunohige* (nov.).

Hab. Kyûsyû : Prov. Tikuzen, Yakatabaru prope Hukuoka (K. NAKASIMA, Oct. 1937, n. 49–typus in Herb. Imp. Univ. Tokyo.).

Distr. Endemica.

28) れんげちほしくさ (新種)

臺灣臺中州蓮華池ニ産スルモノデ、なんとうほしくさ (*Eriocaulon nantoense*

HAYATA) ト九州産

ノごましほしくさ (*E. senile* HON-

DA) ニ近い種デア

ル。シカシ前者カ

ラハ、花床が無毛

デ、花柱が柱頭ヨ

リ短ク、雄花ノ萼

ハ深ク時ニハ基部

マデ3裂シ、葉ガ

鈍頭ヲナスノデ区

別サレ、後者カラ

ハ、頭花ガ小形、

雄花ノ瓣片ハ苞ニ

對スル1個ガ他ヨ

リ長ク、葉ガ細ク

ナルノデ明カニ区

別サレル。著者ノ

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厚ク感謝スル次第

デアル。

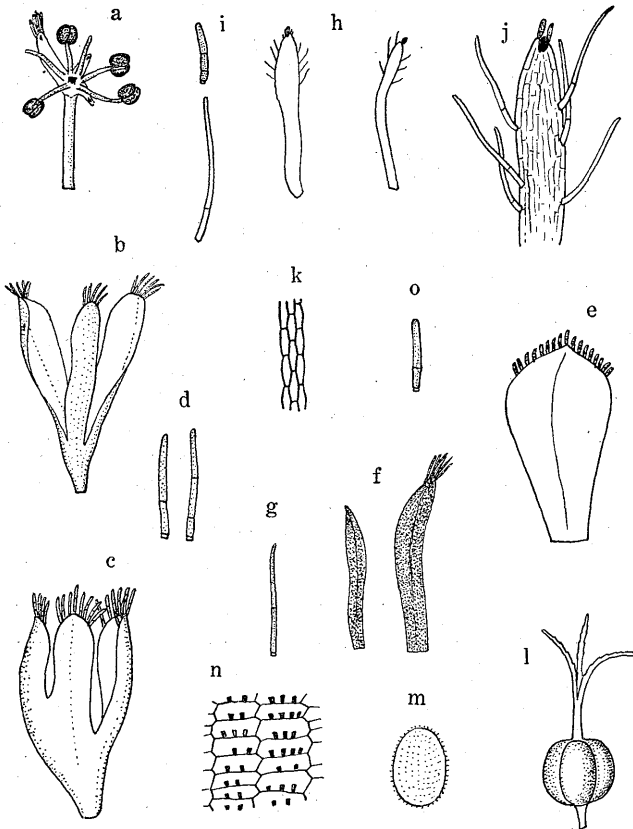


Fig. 2. れんげちほしくさ (*E. trisetum*) a-d 雄花、a 花、3 瓣片ノ中苞ニ對スルモノ特ニ大ナリ、b-c 萼、深ク裂ケ上端ニハ 2-3 細胞 (d) ヨリ成ル毛アリ、e 花苞、o 苞ノ上端ニアル短毛、f-n 雌花、f 萼片、左ハ内方ニ位スルモノ、右ハ側方ニ位スルモノ、g 萼片ノ上端ニアル毛、h 瓣片、右ハ側方ニ位スルモノ左ハ苞ニ對スルモノ、i 上ハ瓣片ノ上端ニアル短毛、下ハ上方ノ縁側ニアル毛 j 瓣片ノ上部ヲ擴大セルモノ、k 瓣片成ス細胞、l 成熟セル子房、花柱ハ柱頭ヨリ遙ニ短シ、m 種子、n 種子ノ表面ノ模様トソレニ生ズル柱狀毛、a, b, c, e, f, h, l = $\times 16$. d, g, i, j, o = $\times 53$. m = $\times 20$. k, n = $\times 66$

***Eriocaulon trisetum* SATAKE, sp. nov. (Fig. 2)**

Annua, acaulis. Radices fibrosæ, albæ, transverse septatæ, radiculosæ. Folia

rosulata, linearia, 4-7 cm longa, medio 3-4 mm lata, versus apicem sensim attenuata, ipso apice obtusiusecula, glabra, 7-9-fenestrato-nervia, erecto-ascendentia, subarcuata. Pedunculi usque 15-25 cm longi, 5-costati, torti. Vaginae laxae cylindricae, 4-5 cm longae, apice oblique fissae. Capitula sphaerica, fructifera 3-4 mm in diametro, atro-olivacea, densius albo-puberula. Bracteae involuerantes 5-7, oblongo-obovatae, ca. 2 mm longae, apice obtusae, pellucido-membranaceae, apicem olivaceo-nigricantes, capitulo conspicue breviores. Flores masculi et feminei intermixti. Receptaculum glabrum. Bracteae florum ♂ et ♀ similes, obovato-cuneatae, apice acutae, ca. 1.6 mm longae, 0.8 mm latae, sub lente naviculares, olivaceo-nigrae, apicem margine et dorso pilis albis 2-cellulatis puberulae, floribus aequilongae, vel paulo longiores.

Flos ♂ : sepala 3, basi tantum vel in medio connata, oblonga, atro-olivacea, apice obtusa pilis albis 2-3-cellulatis puberula, usque 1.6 mm longa, lateralalia navicularia; petala in tubum apice trilobatum connata, lobis lateralibus parvis angustis, glabris, lobo anteriore oblongo apice pilis 2-cellulatis puberulo lateralibus conspicue majore, apicem intus glandula nigra unica instructis; stamina 6, tria oppositipetala vix longiora, antheris nigris orbicularibus.

Flos ♀ : breve pedicellatus, ca. 1.6 mm longus; sepala 3, libera, lanceolato-linearia vel linearia, navicularia, olivaceo-nigricantia, uninervia, apice acuta pilis albis 2-3-cellulatis puberula, 1.4 mm longa, aequalia vel sepalum internum saepe angustius breviusque et glabrum; petala 3, libera, spathulato-linearia, albo-pellucida, ca. 1.2 mm longa, apicem infra margineque pilis albis 2-cellulatis puberula, infra apicem glandula nigra unica coronata, petalo externo vix longiore latioreque, apice pilis albis 2-3-cellulatis puberulo; capsula 3-cocca, 0.5 mm longa; stylus capsula paulo brevior; stigmata 3, stylo longiora, minute tuberculata; semina fulva, elliptica, 0.5 mm longa, hexagono-reticulata, minute papillosa.

Nom. Jap. *Rengeti-hosikusa* (nov.).

Hab. Formosa : Prov. Taityû, in oppido Rengeti (Y. YAMAMOTO et K. MORI, Nov. 1932-typus in Herb. Imp. Univ. Taihoku.) (Y. KUDÔ, Jul. 1930) (Y. HASEOKA, Nov. 1932) (S. HIBINO et S. SUZUKI, Jul. 1936).

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